

=====

Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Thu Aug 02 17:20:00 EDT 2007

=====

Reviewer Comments:

<210> 28

<211> 14

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> misc_feature

<222> (12)..(12)

<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc_feature

<222> (13)..(13)

<223> Xaa = at position 13 is norleucine

<400> 28

Phe Ala Leu Ala Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe

1

5

10

The above <222> (13)..(13) response is incorrect: "Xaa" is not at position 13, "Asp" is.

Application No: 10505239 Version No: 2.0

Input Set:**Output Set:**

Started: 2007-07-30 18:17:35.343
Finished: 2007-07-30 18:17:36.501
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 158 ms
Total Warnings: 28
Total Errors: 0
No. of SeqIDs Defined: 28
Actual SeqID Count: 28

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2007-07-30 18:17:35.343
Finished: 2007-07-30 18:17:36.501
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 158 ms
Total Warnings: 28
Total Errors: 0
No. of SeqIDs Defined: 28
Actual SeqID Count: 28

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> TARASOVA, Nadya I
 MICHEJDA, Christopher J
 DYBA, Marcin
 COHRAN, Carolyn

<120> CONJUGATES OF LIGAND, LINKER AND CYTOTOXIC AGENT AND RELATED
 COMPOSITIONS AND METHODS OF USE

<130> 229694

<140> 10505239

<141> 2004-10-12

<150> US 10/505,239

<151> 2004-10-12

<150> PCT/US03/06344

<151> 2003-02-27

<150> 60/360,543

<151> 2002-02-27

<150> 60/370,189

<151> 2002-04-05

<160> 28

<170> PatentIn version 3.4

<210> 1

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1

Phe Ala Leu Ala

1

<210> 2

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2

Val Leu Ala Leu Ala

1

5

<210> 3
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3

Ala Leu Ala Leu
1

<210> 4
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4

Ala Leu Ala Leu Ala
1 5

<210> 5
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5

Leu Gly Pro Gln Gly Pro Pro His Leu Val Ala Asp Pro Ser Lys Lys
1 5 10 15

Gln Gly Pro Trp Leu Glu Glu Glu Glu Glu Ala Tyr Gly Trp Met Asp
20 25 30

Phe

<210> 6
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa = at position 2 is norleucine

<400> 6

Trp Xaa Asp Phe
1

<210> 7
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa = at position 2 is sulfotyrosine

<400> 7

Asp Xaa Met Gly Trp Met Asp Phe
1 5

<210> 8
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa = at position 2 is sulfotyrosine

<220>
<221> misc_feature
<222> (3)..(3)
<223> Xaa = at position 3 is norleucine

<220>
<221> misc_feature
<222> (6)..(6)

<223> Xaa = at position 6 is norleucine

<400> 8

Asp Xaa Xaa Gly Trp Xaa Asp Phe

1 5

<210> 9

<211> 27

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 9

Val Pro Leu Pro Ala Gly Gly Gly Thr Val Leu Thr Lys Met Tyr Pro

1 5 10 15

Arg Gly Asn His Trp Ala Val Gly His Leu Met

20 25

<210> 10

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 10

Trp Ala Val Gly His Leu Met

1 5

<210> 11

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 11

Ala Gly Cys Lys Asn Phe Phe Trp Lys Thr Phe Thr Ser Cys

1 5 10

<210> 12

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<220>

<221> misc_feature

<222> (1)..(8)

<223> wherein the peptide is carboxylated at either the N-or C-terminus

<400> 12

Phe Cys Phe Trp Lys Thr Cys Thr

1 5

<210> 13

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 13

Arg Pro Leu Pro Gln Gln Phe Phe Gly Leu Met

1 5 10

<210> 14

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 14

Pro Gly Thr Cys Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys

1 5 10 15

<210> 15

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 15

Asn Asp Asp Cys Glu Leu Cys Val Ala Cys Thr Gly Cys Leu

1 5 10

<210> 16
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 16

Asn Tyr Cys Cys Glu Leu Cys Cys Asn Pro Ala Cys Thr Gly Cys Phe
1 5 10 15

<210> 17
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 17

His Ser Asp Ala Leu Phe Thr Asp Asn Tyr Thr Arg Leu Arg Leu Gln
1 5 10 15

Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn Gly
20 25

<210> 18
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (17)..(17)
<223> Xaa = at position 17 is norleucine

<400> 18

His Ser Asp Ala Leu Phe Thr Asp Asn Tyr Thr Arg Leu Arg Leu Gln
1 5 10 15

Xaa Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn Gly
20 25

<210> 19
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (5)..(5)
<223> Xaa = at position 5 is norleucine

<400> 19

Ala Tyr Gly Trp Xaa Asp Phe
1 5

<210> 20
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (8)..(8)
<223> Xaa = at position 8 is norleucine

<400> 20

Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe
1 5 10

<210> 21
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (1)..(1)
<223> Xaa = at position 1 is 2-cyclohexyl-L-alanine

<400> 21

Xaa Leu Ala Leu Ala

1 5

<210> 22

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<220>

<221> misc_feature

<222> (1)..(1)

<223> Xaa = at position 1 is 2-cyclohexyl-L-alanine

<220>

<221> misc_feature

<222> (2)..(2)

<223> Xaa = at position 2 is 2-cyclohexyl-L-alanine

<400> 22

Xaa Xaa Leu Ala Leu

1 5

<210> 23

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<220>

<221> misc_feature

<222> (1)..(1)

<223> Xaa = at position 1 is 1-naphtyl-alanine

<220>

<221> misc_feature

<222> (2)..(2)

<223> Xaa = at position 2 is 2-cyclohexyl-L-alanine

<400> 23

Xaa Xaa Leu Ala Leu

1 5

<210> 24

<211> 5

<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (1)..(1)
<223> Xaa = at position 1 is 1-naphtyl-alanine

<400> 24

Xaa Leu Ala Leu Ala
1 5

<210> 25
<211> 15
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (13)..(13)
<223> Xaa = at position 13 is norleucine

<400> 25

Val Leu Ala Leu Ala Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe
1 5 10 15

<210> 26
<211> 15
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (1)..(1)
<223> V = at position 1 is conjugated to SPA110

<220>
<221> misc_feature
<222> (13)..(13)
<223> Xaa = at position 13 is norleucine

<220>
<221> misc_feature
<222> (15)..(15)
<223> F = at position 15 comprises a C-terminal amide group

<400> 26

Val Leu Ala Leu Ala Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe
1 5 10 15

<210> 27
<211> 15
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (1)..(1)
<223> Xaa = at position 1 is 2-cyclohexyl-L-alanine and is conjugated
to HTI-286

<220>
<221> misc_feature
<222> (13)..(13)
<223> Xaa = at position 13 is norleucine

<220>
<221> misc_feature
<222> (15)..(15)
<223> F = at position 15 comprises a C-terminal amide group

<400> 27

Xaa Leu Ala Leu Ala Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe
1 5 10 15

<210> 28
<211> 14
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (12)..(12)
<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc_feature
<222> (13)..(13)
<223> Xaa = at position 13 is norleucine

<400> 28

Phe Ala Leu Ala Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe
1 5 10